



RESPONSE AFTER FINAL
EXPEDITED PROCEDURE
EXAMINING GROUP 1652

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

In re the Application of:

Akira KAWAKAMI et al.

Group Art Unit: 1652

MAY 05 2003

Application No.: 09/534,229

Examiner: M. Rao

TECH CENTER 1600/2900

Filed: March 24, 2000

Attorney Dkt. No.: 107156-00004

For: LOW TEMPERATURE EXPRESSION CHITANASE cDNAs AND METHOD OF
ISOLATING THE SAME

AMENDMENT AFTER FINAL REJECTION UNDER 37 C.F.R. § 1.116

Commissioner for Patents
Washington, D.C. 20231

April 30, 2003

Sir:

In reply to the outstanding Office Action dated December 30, 2002, the period for response having been extended for one month from March 30, 2003, to April 30, 2003, please amend the above-identified application as follows:

IN THE CLAIMS:

~~Please~~ cancel claim 12 without prejudice to or disclaimer of the subject matter contained therein.

Please amend claims 13-15, 17-19 and 23-24 as follows:

13. (Twice Amended) A winter wheat chitinase cDNA characterized in that said cDNA encodes a protein with chitinase activity at low temperatures of 0°C or below, and further characterized in that said cDNA comprises 771 nucleotides which encode an amino acid sequence comprising 250 amino acids and encodes an amino

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